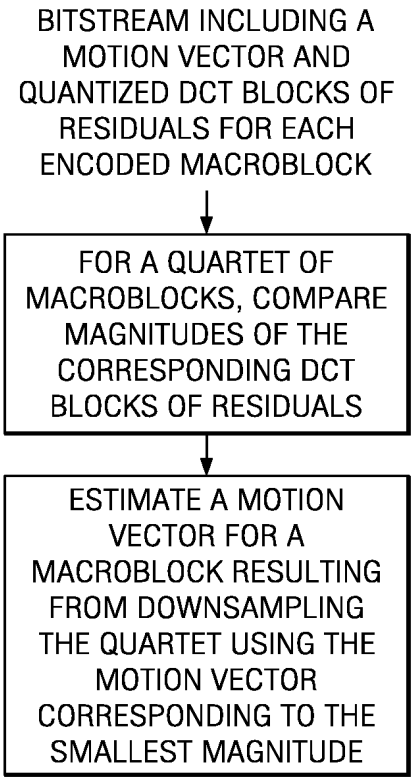


FIG. 1a

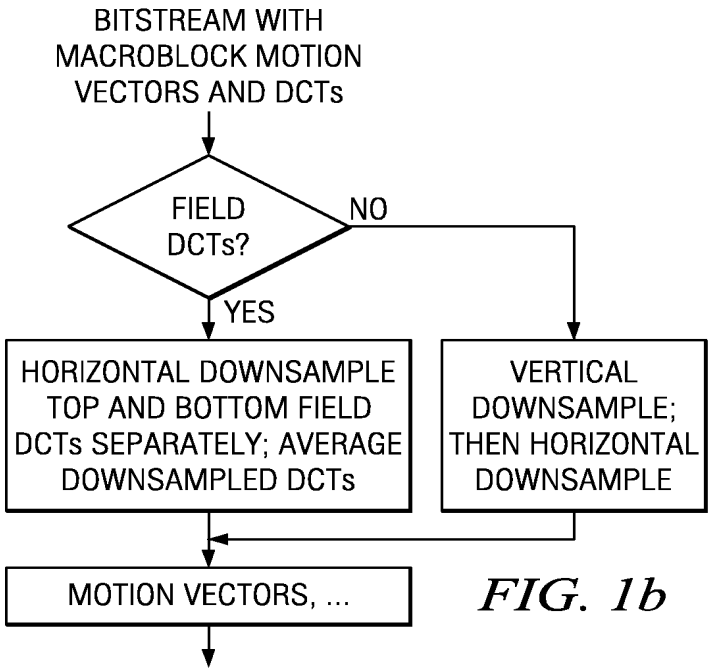


FIG. 1b

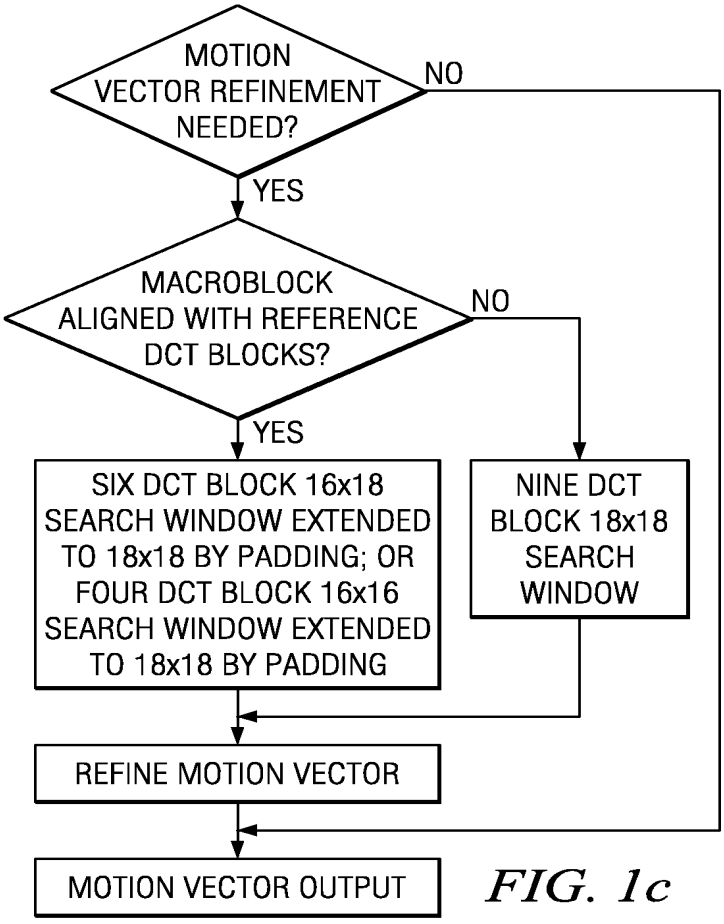


FIG. 1c

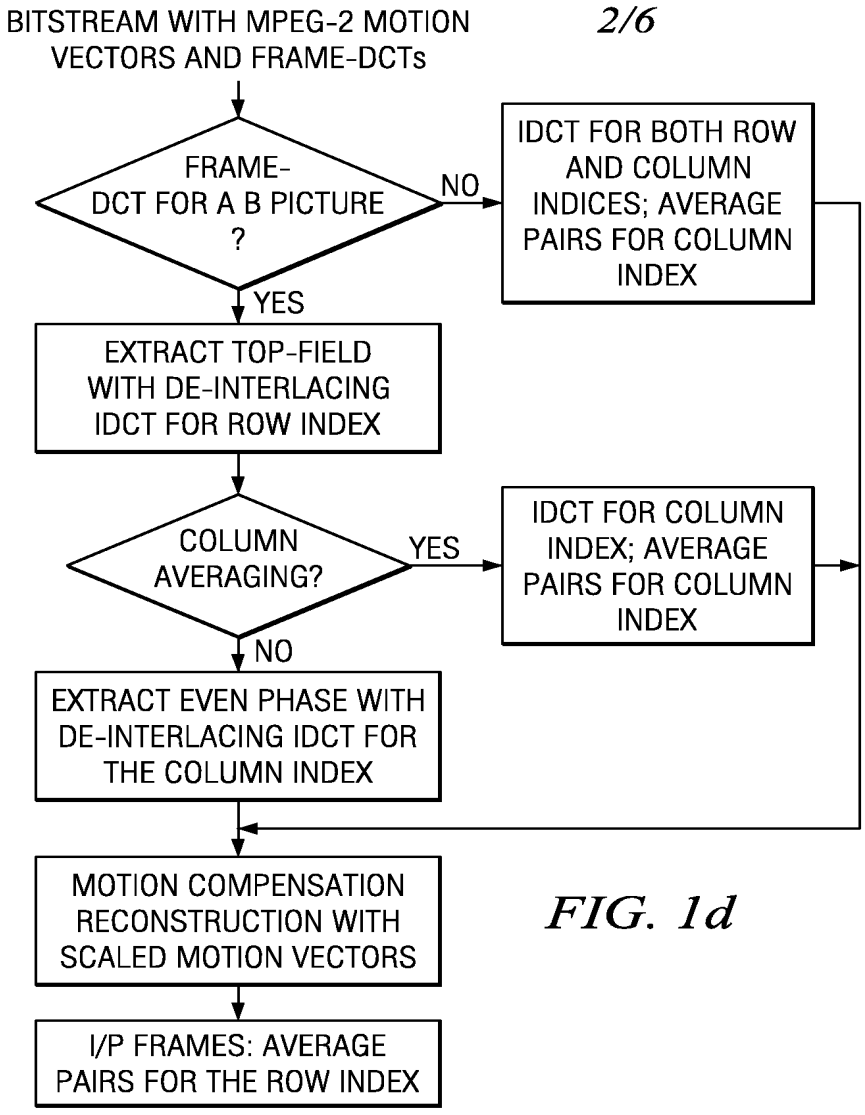


FIG. 1d

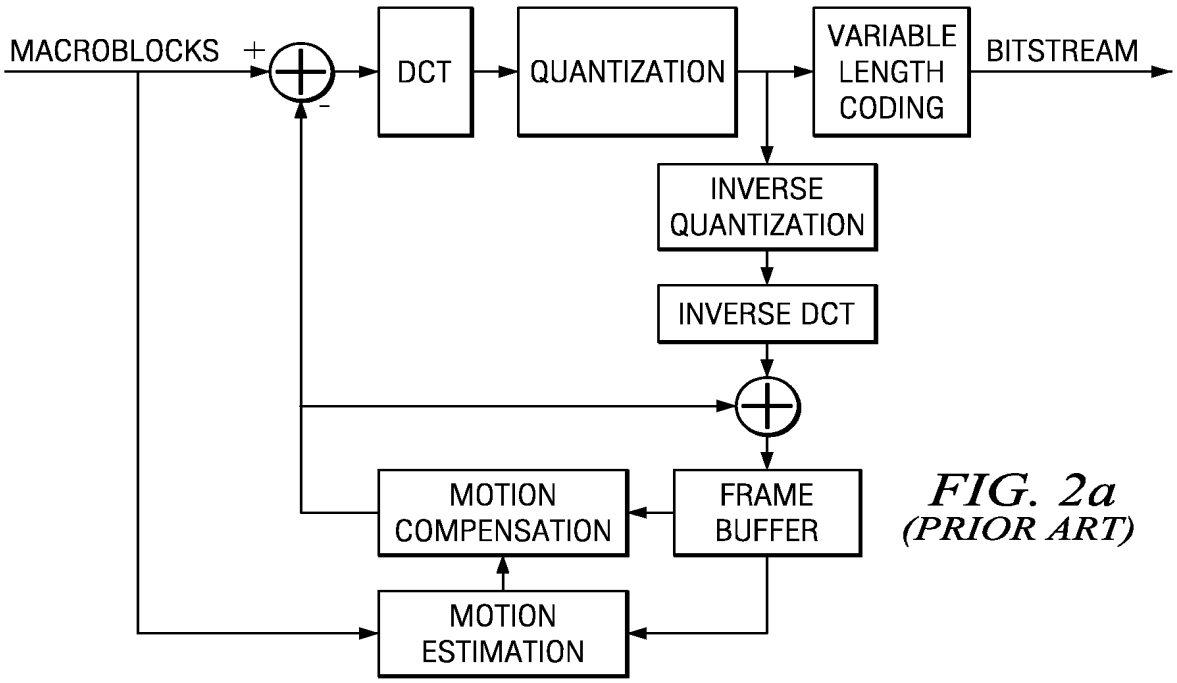


FIG. 2a
(PRIOR ART)

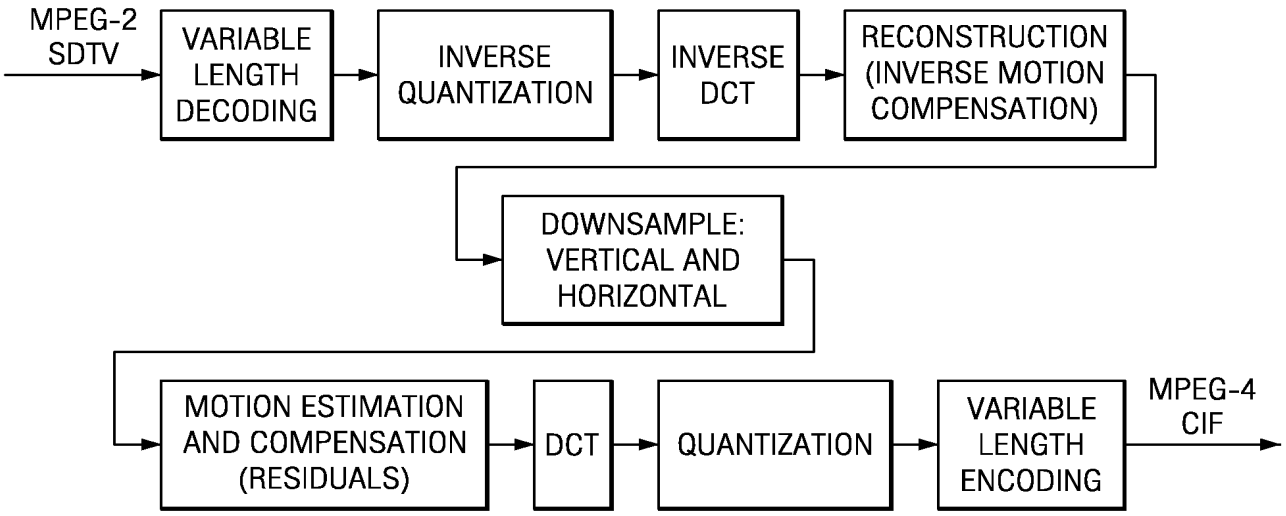


FIG. 2b
(PRIOR ART)

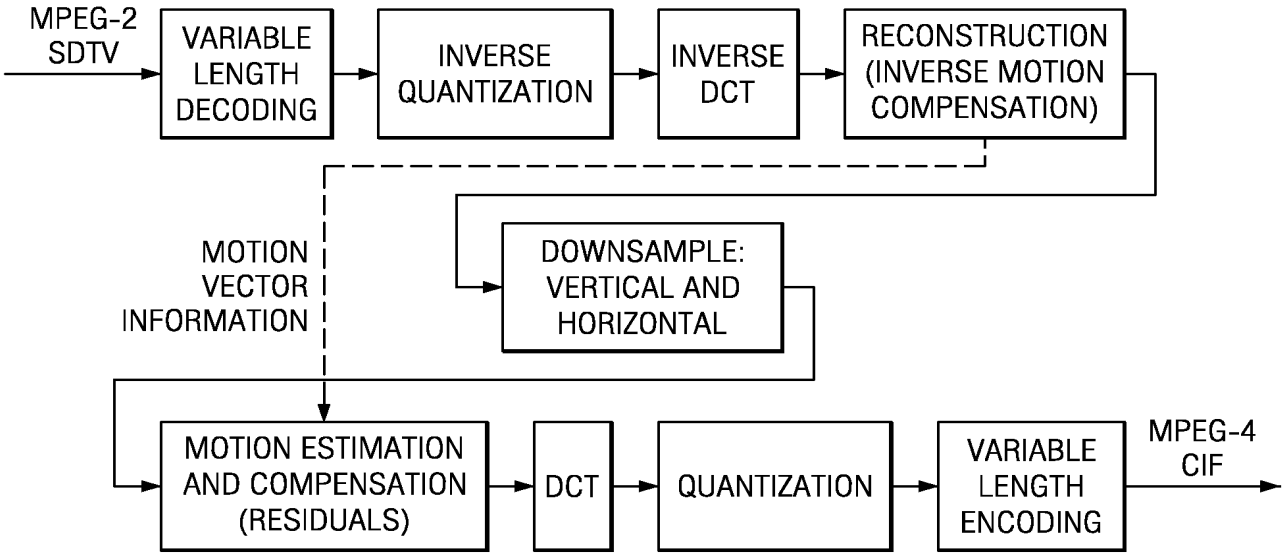


FIG. 3a

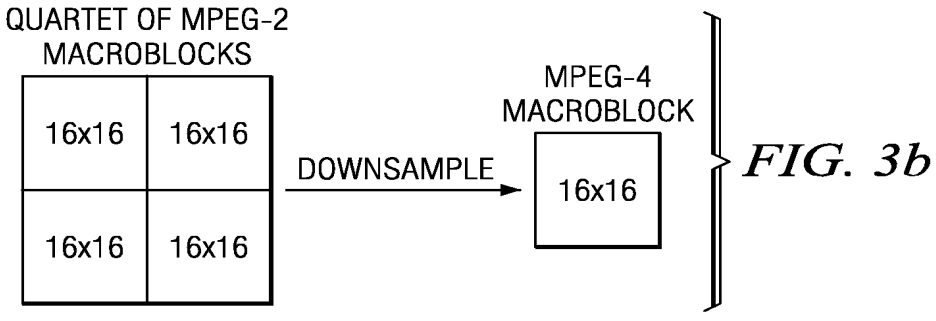


FIG. 3b

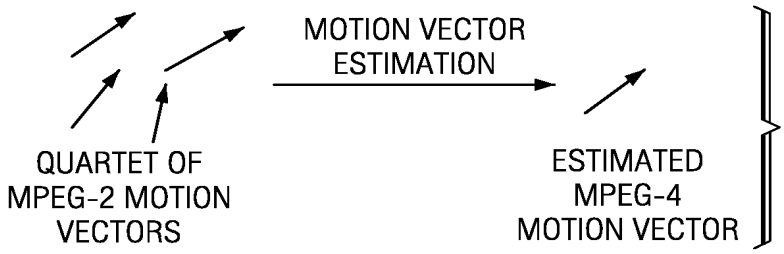


FIG. 3c

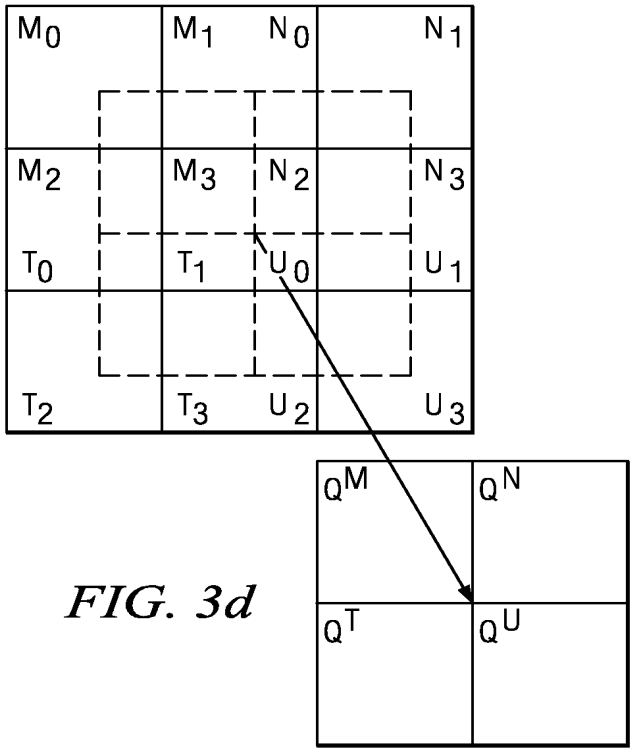


FIG. 3d

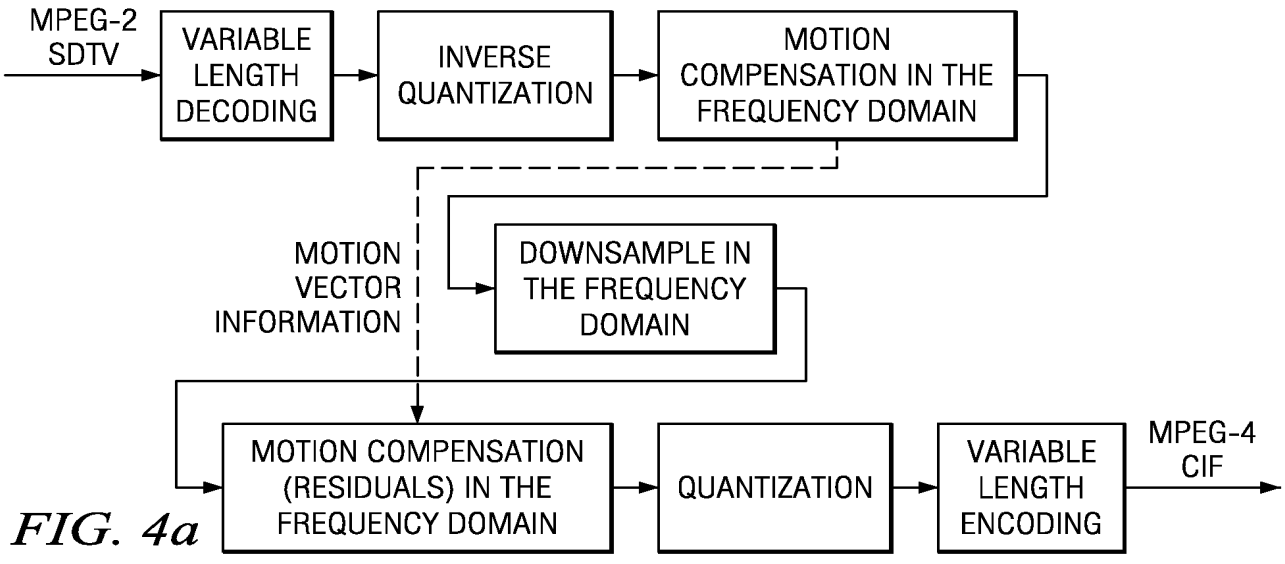


FIG. 4a

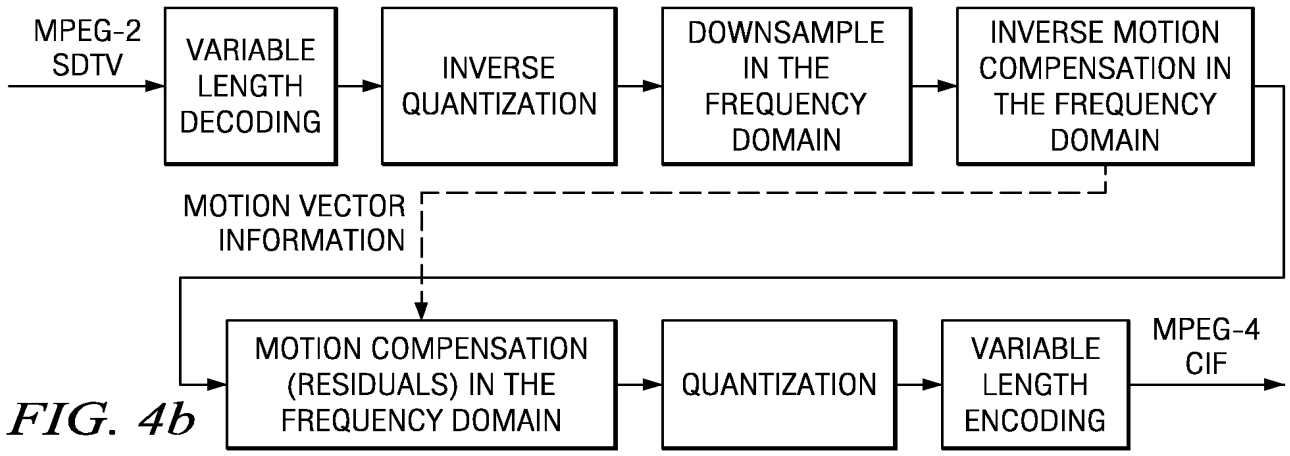


FIG. 4b

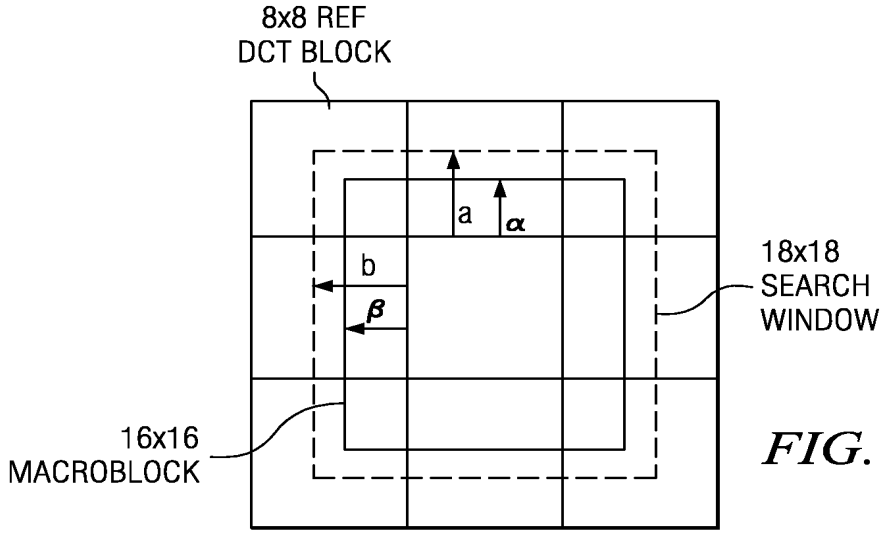


FIG. 5a

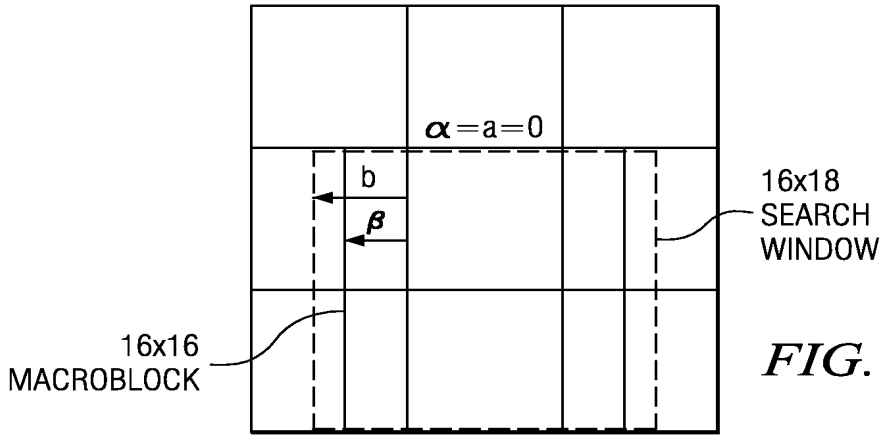
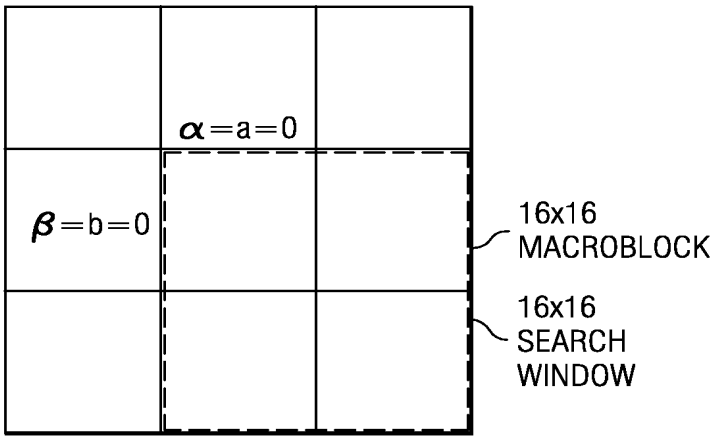


FIG. 5b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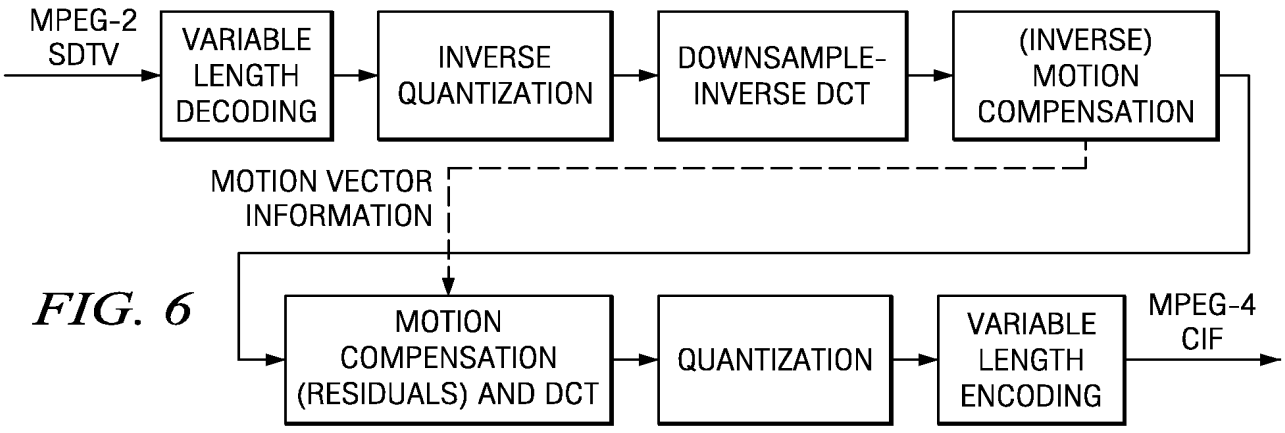
MACROBLOCK
16x16
SEARCH
WINDOW

FIG. 5c


MPEG-2
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DECODING
INVERSE
QUANTIZATION
DOWNSAMPLE-
INVERSE DCT
(INVERSE)
MOTION
COMPENSATION
MOTION VECTOR
INFORMATION
MOTION
COMPENSATION
(RESIDUALS) AND DCT
QUANTIZATION
VARIABLE
LENGTH
ENCODING
MPEG-4
CIF

FIG. 6